OM protein - protein search, using sw model

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Run on:        April 16, 2005, 05:06:26 ; Search time 43 Seconds
                                          (without alignments)
                                          17.360 Million cell updates/sec

Title:         US-09-018-194-4
Perfect score: 57
Sequence:      1 CVGSNKGAIC 10

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched:      513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters:        513545

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :     Issued_Patents_AA:*
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               2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
               3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
               4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
               5: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pep:*
               6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | % Query Match | Length | DB | ID | Description | | Patent No. 5262332 |
|---|---|---|---|---|---|---|---|---|
| 1 | 57 | 100.0 | 10 | 3 | US-09-163-095-4 | Sequence 4, | Appli | Sequence 5, Appli |
| 2 | 57 | 100.0 | 10 | 3 | US-09-866-898-4 | Sequence 4, | Appli | Sequence 2, Appli |
| 3 | 39 | 68.4 | 8 | 3 | US-09-163-095-1 | Sequence 1, | Appli | Sequence 7, Appli |
| 4 | 39 | 68.4 | 8 | 4 | US-09-866-898-1 | Sequence 1, | Appli | Sequence 2, Appli |
| 5 | 39 | 68.4 | 10 | 4 | US-09-724-961-30 | Sequence 30, | Appli | Sequence 2, Appli |
| 6 | 39 | 68.4 | 10 | 4 | US-09-724-961-31 | Sequence 31, | Appl | Sequence 1, Appli |
| 7 | 39 | 68.4 | 10 | 4 | US-09-724-961-32 | Sequence 32, | Appl | Sequence 2, Appli |
| 8 | 39 | 68.4 | 10 | 4 | US-09-580-018-30 | Sequence 30, | Appl | Sequence 2, Appli |
| 9 | 39 | 68.4 | 10 | 4 | US-09-580-018-31 | Sequence 31, | Appl | Sequence 8, Appli |
| 10 | 39 | 68.4 | 10 | 4 | US-09-580-018-32 | Sequence 32, | Appl | Sequence 3, Appli |
| 11 | 39 | 68.4 | 10 | 4 | US-09-724-551-30 | Sequence 30, | Appl | Sequence 8, Appli |
| 12 | 39 | 68.4 | 10 | 4 | US-09-724-551-31 | Sequence 31, | Appl | Sequence 69, Appl |
| 13 | 39 | 68.4 | 10 | 4 | US-09-724-551-32 | Sequence 32, | Appl | Sequence 2, Appli |
| 14 | 39 | 68.4 | 26 | 1 | US-08-304-585-7 | Sequence 7, | Appl | Sequence 3, Appli |
| 15 | 39 | 68.4 | 33 | 2 | US-08-609-090-4 | Sequence 4, | Appli | Sequence 1, Appli |
| 16 | 39 | 68.4 | 34 | 2 | US-08-475-579A-4 | Sequence 4, | Appli | |
| 17 | 39 | 68.4 | 35 | 1 | US-08-304-585-6 | Sequence 6, | Appli | |
| 18 | 39 | 68.4 | 35 | 2 | US-08-612-785B-16 | Sequence 16, | Appl | |
| 19 | 39 | 68.4 | 35 | 2 | US-08-612-785B-36 | Sequence 36, | Appl | |
| 20 | 39 | 68.4 | 35 | 2 | US-08-612-785B-39 | Sequence 39, | Appl | |
| 21 | 39 | 68.4 | 35 | 2 | US-08-612-785B-40 | Sequence 40, | Appl | |
| 22 | 39 | 68.4 | 35 | 3 | US-08-617-267C-16 | Sequence 16, | Appl | |
| 23 | 39 | 68.4 | 36 | 3 | US-08-609-090-6 | Sequence 6, | Appli | |
| 24 | 39 | 68.4 | 38 | 1 | US-08-302-808-1 | Sequence 1, | Appli | |
| 25 | 39 | 68.4 | 38 | 2 | US-07-737-371E-68 | Sequence 68, | Appl | |
| 26 | 39 | 68.4 | 38 | 2 | US-08-986-948-1 | Sequence 1, | Appli | |
| 27 | 39 | 68.4 | 38 | 6 | 5262332-1 | Patent No. 5262332 | | |
| 28 | 39 | 68.4 | 38 | 6 | 5262332-1 | | | |
| 29 | 39 | 68.4 | 39 | 1 | US-08-304-585-5 | | | |
| 30 | 39 | 68.4 | 39 | 1 | US-08-302-808-2 | | | |
| 31 | 39 | 68.4 | 39 | 2 | US-08-609-090-7 | | | |
| 32 | 39 | 68.4 | 39 | 2 | US-08-682-245A-1 | | | |
| 33 | 39 | 68.4 | 39 | 2 | US-08-986-948-2 | | | |
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| 35 | 39 | 68.4 | 40 | 1 | US-08-235-400-2 | | | |
| 36 | 39 | 68.4 | 40 | 1 | US-08-476-464A-2 | | | |
| 37 | 39 | 68.4 | 40 | 1 | US-08-304-585-1 | | | |
| 38 | 39 | 68.4 | 40 | 1 | US-08-304-585-8 | | | |
| 39 | 39 | 68.4 | 40 | 1 | US-08-302-808-3 | | | |
| 40 | 39 | 68.4 | 40 | 2 | US-08-433-734-1 | | | |
| 41 | 39 | 68.4 | 40 | 2 | US-08-609-090-8 | | | |
| 42 | 39 | 68.4 | 40 | 2 | US-07-737-371E-69 | | | |
| 43 | 39 | 68.4 | 40 | 2 | US-08-682-245A-2 | | | |
| 44 | 39 | 68.4 | 40 | 2 | US-08-986-948-3 | | | |
| 45 | 39 | 68.4 | 40 | 2 | US-08-461-216-1 | | | |

ALIGNMENTS

RESULT 1
US-09-163-095-4
; Sequence 4, Application US/09163095
; Patent No. 6242416
; GENERAL INFORMATION:
;   APPLICANT: Gilchrest, Barbara A.
;   APPLICANT: Yaar, Mina
;   TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;   TITLE OF INVENTION: ALZHEIMER'S DISEASE
;   FILE REFERENCE: BU96-09A2
;   CURRENT APPLICATION NUMBER: US/09/163,095
;   CURRENT FILING DATE: 1998-09-29
;   EARLIER APPLICATION NUMBER: PCT/US97/04966
;   EARLIER FILING DATE: 1997-03-28
;   EARLIER APPLICATION NUMBER: 08/625,765
;   EARLIER FILING DATE: 1996-03-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Cyclic peptide
US-09-163-095-4

  Query Match             100.0%;  Score 57;  DB 3;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 0.0024;
  Matches  10;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          1 CVGSNKGAIC 10
              ||||||||||
Db          1 CVGSNKGAIC 10

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US-09-866-898-4
; Sequence 4, Application US/09866898
; Patent No. 6696303
; GENERAL INFORMATION:
;   APPLICANT: Gilchrest, Barbara A.
;   APPLICANT: Yaar, Mina
;   TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;   TITLE OF INVENTION: ALZHEIMER'S DISEASE
;   FILE REFERENCE: BU96-09A2
;   CURRENT APPLICATION NUMBER: US/09/866,898
;   CURRENT FILING DATE: 2001-05-29
;   PRIOR APPLICATION NUMBER: 09/163,095
;   PRIOR FILING DATE: 1998-09-29
;   PRIOR APPLICATION NUMBER: PCT/US97/04966

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;   PRIOR FILING DATE: 1997-03-28
;   PRIOR APPLICATION NUMBER: 08/625,765
;   PRIOR FILING DATE: 1996-03-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: FastSEQ for Windows Version 3.0
;
  SEQ ID NO 4
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Cyclic peptide
US-09-866-898-4

Query Match      100.0%;  Score 57; DB 4; Length 10;
Best Local Similarity   100.0%;  Pred. No. 0.0024;
Matches   10;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          1 CVGSNKGAIC 10
              ||||||||||
Db          1 CVGSNKGAIC 10

RESULT 3
US-09-163-095-1
;  Sequence 1, Application US/09163095
;  Patent No. 6242416
;  GENERAL INFORMATION:
;   APPLICANT: Gilchrest, Barbara A.
;   APPLICANT: Yaar, Mina
;   TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;   TITLE OF INVENTION: ALZHEIMER'S DISEASE
;   FILE REFERENCE: BU96-09A2
;   CURRENT APPLICATION NUMBER: US/09/163,095
;   CURRENT FILING DATE: 1998-09-29
;   EARLIER APPLICATION NUMBER: PCT/US97/04966
;   EARLIER FILING DATE: 1997-03-28
;   EARLIER APPLICATION NUMBER: 08/625,765
;   EARLIER FILING DATE: 1996-03-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: FascSEQ for Windows Version 3.0
;
  SEQ ID NO 1
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-163-095-1

Query Match      68.4%;  Score 39; DB 3; Length 8;
Best Local Similarity   100.0%;  Pred. No. 4.1e+05;
Matches   8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          1 VGSNKGAI 8

RESULT 4
US-09-866-898-1
;  Sequence 1, Application US/09866898
;  Patent No. 6696303
;  GENERAL INFORMATION:
;   APPLICANT: Gilchrest, Barbara A.
;   APPLICANT: Yaar, Mina
;   TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;   TITLE OF INVENTION: ALZHEIMER'S DISEASE
;   FILE REFERENCE: BU96-09A2
;   CURRENT APPLICATION NUMBER: US/09/866,898
;   CURRENT FILING DATE: 2001-05-29
;   PRIOR APPLICATION NUMBER: 09/163,095
;   PRIOR FILING DATE: 1998-09-29
;   PRIOR APPLICATION NUMBER: PCT/US97/04966
;   PRIOR FILING DATE: 1997-03-28
;   PRIOR APPLICATION NUMBER: 08/625,765
;   PRIOR FILING DATE: 1996-03-29
;   NUMBER OF SEQ ID NOS: 5
;   SOFTWARE: FastSEQ for Windows Version 3.0
;
  SEQ ID NO 1
;   LENGTH: 8
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-866-898-1

Query Match      68.4%;  Score 39; DB 4; Length 8;
Best Local Similarity   100.0%;  Pred. No. 4.1e+05;
Matches   8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          1 VGSNKGAI 8

RESULT 5
US-09-724-961-30
;  Sequence 30, Application US/09724961
;  Patent No. 6743427
;  GENERAL INFORMATION:
;   APPLICANT: Schenk, Dale B.
;   APPLICANT: Bard, Frederique
;   APPLICANT: Vasquez, Nicki
;   APPLICANT: Yednock, Ted
;   TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;   FILE REFERENCE: 15270J-004750UC
;   CURRENT APPLICATION NUMBER: US/09/724,961
;   CURRENT FILING DATE: 2000-11-28
;   PRIOR APPLICATION NUMBER: US 09/580,015
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: US 09/322,289
;   PRIOR FILING DATE: 1999-05-28
;   PRIOR APPLICATION NUMBER: US 09/201,430
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: WO PCT/US00/14810
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: US 60/080,970
;   PRIOR FILING DATE: 1998-04-07
;   PRIOR APPLICATION NUMBER: US 60/067,740
;   PRIOR FILING DATE: 1997-12-02
;   NUMBER OF SEQ ID NOS: 77
;   SOFTWARE: PatentIn Ver. 2.1
;
  SEQ ID NO 30
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;   OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;   OTHER INFORMATION: peptide)
US-09-724-961-30

Query Match      68.4%;  Score 39; DB 4; Length 10;
Best Local Similarity   100.0%;  Pred. No. 2.2;
Matches   8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          1 VGSNKGAI 8

RESULT 6
US-09-724-961-31
;  Sequence 31, Application US/09724961
;  Patent No. 6743427
;  GENERAL INFORMATION:
;   APPLICANT: Schenk, Dale B.
;   APPLICANT: Bard, Frederique
;   APPLICANT: Vasquez, Nicki
;   APPLICANT: Yednock, Ted
;   TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
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;  FILE REFERENCE: 15270J-004750UC
;  CURRENT APPLICATION NUMBER: US/09/724,961
;  CURRENT FILING DATE: 2000-11-28
;  PRIOR APPLICATION NUMBER: US 09/580,015
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/322,289
;  PRIOR FILING DATE: 1999-05-28
;  PRIOR APPLICATION NUMBER: US 09/201,430
;  PRIOR FILING DATE: 1998-11-30
;  PRIOR APPLICATION NUMBER: WO PCT/US00/14810
;  PRIOR FILING DATE: 1998-11-30
;  PRIOR APPLICATION NUMBER: US 60/080,970
;  PRIOR FILING DATE: 1998-04-07
;  PRIOR APPLICATION NUMBER: US 60/067,740
;  PRIOR FILING DATE: 1997-12-02
;  NUMBER OF SEQ ID NOS: 77
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
;  LENGTH: 10
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;  OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;  OTHER INFORMATION: peptide)
US-09-724-961-31

Query Match      68.4%;     Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;   Pred. No. 2.2;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db     2 VGSNKGAI 9

RESULT 7
US-09-724-961-32
; Sequence 32, Application US/09724961
; Patent No. 6743427
; GENERAL INFORMATION:
;  APPLICANT: Schenk, Dale B.
;  APPLICANT: Bard, Frederique
;  APPLICANT: Vasquez, Nicki
;  APPLICANT: Yednock, Ted
;  TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;  FILE REFERENCE: 15270J-004750UC
;  CURRENT APPLICATION NUMBER: US/09/724,961
;  CURRENT FILING DATE: 2000-11-28
;  PRIOR APPLICATION NUMBER: US 09/580,015
;  PRIOR FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/322,289
;  PRIOR FILING DATE: 1999-05-28
;  PRIOR APPLICATION NUMBER: US 09/201,430
;  PRIOR FILING DATE: 1998-11-30
;  PRIOR APPLICATION NUMBER: WO PCT/US00/14810
;  PRIOR FILING DATE: 1998-11-30
;  PRIOR APPLICATION NUMBER: US 60/080,970
;  PRIOR FILING DATE: 1998-04-07
;  PRIOR APPLICATION NUMBER: US 60/067,740
;  PRIOR FILING DATE: 1997-12-02
;  NUMBER OF SEQ ID NOS: 77
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
;  LENGTH: 10
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;  OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;  OTHER INFORMATION: peptide)
US-09-724-961-32


Query Match      68.4%;     Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;   Pred. No. 2.2;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db     1 VGSNKGAI 8

RESULT 8
US-09-580-018-30
; Sequence 30, Application US/0958018
; Patent No. 6761888
; GENERAL INFORMATION:
;  APPLICANT: Schenk, Dale B.
;  APPLICANT: Bard, Frederique
;  APPLICANT: Yednock, Ted
;  TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;  FILE REFERENCE: 15270J-004760US
;  CURRENT APPLICATION NUMBER: US/09/580,018
;  CURRENT FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/322,289
;  PRIOR FILING DATE: 1999-05-28
;  NUMBER OF SEQ ID NOS: 77
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
;  LENGTH: 10
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;  OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;  OTHER INFORMATION: peptide)
US-09-580-018-30


Query Match      68.4%;     Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;   Pred. No. 2.2;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db     3 VGSNKGAI 10

RESULT 9
US-09-580-018-31
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; Patent No. 6761888
; GENERAL INFORMATION:
;  APPLICANT: Schenk, Dale B.
;  APPLICANT: Bard, Frederique
;  APPLICANT: Yednock, Ted
;  TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;  FILE REFERENCE: 15270J-004760US
;  CURRENT APPLICATION NUMBER: US/09/580,018
;  CURRENT FILING DATE: 2000-05-26
;  PRIOR APPLICATION NUMBER: US 09/322,289
;  PRIOR FILING DATE: 1999-05-28
;  NUMBER OF SEQ ID NOS: 77
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
;  LENGTH: 10
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;  OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;  OTHER INFORMATION: peptide)
US-09-580-018-31


Query Match      68.4%;     Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;   Pred. No. 2.2;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;
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Qy    2 VGSNKGAI 9
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Db    2 VGSNKGAI 9

RESULT 10
US-09-580-018-32
; Sequence 32, Application US/09580018
; Patent No. 6761888
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004760US
; CURRENT APPLICATION NUMBER: US/09/724,551
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-09-580-018-32

Query Match             68.4%;   Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;  Pred. No. 2.2;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    2 VGSNKGAI 9
        |||||||
Db    1 VGSNKGAI 8

RESULT 11
US-09-724-551-30
; Sequence 30, Application US/09724551
; Patent No. 6787637
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004760US
; CURRENT APPLICATION NUMBER: US/09/724,551
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-09-724-551-30

Query Match             68.4%;   Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;  Pred. No. 2.2;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    2 VGSNKGAI 9
        |||||||
Db    3 VGSNKGAI 10

RESULT 12
US-09-724-551-31
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; Patent No. 6787637
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004760US
; CURRENT APPLICATION NUMBER: US/09/724,551
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
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; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-09-724-551-31

Query Match             68.4%;   Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;  Pred. No. 2.2;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    2 VGSNKGAI 9
        |||||||
Db    2 VGSNKGAI 9

RESULT 13
US-09-724-551-32
; Sequence 32, Application US/09724551
; Patent No. 6787637
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004760US
; CURRENT APPLICATION NUMBER: US/09/724,551
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-09-724-551-32

Query Match             68.4%;   Score 39;   DB 4;   Length 10;
Best Local Similarity   100.0%;  Pred. No. 2.2;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Qy      2 VGSNKGAI 9
          |||||||
Db      1 VGSNKGAI 8
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RESULT 14
US-08-304-585-7
; Sequence 7, Application US/08304585
; Patent No. 5721106
; GENERAL INFORMATION:
; APPLICANT: Maggio, John E.
; APPLICANT: Mantyh, Patrick W.
; TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
; TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
; STREET: P.O. Box 581415
; CITY: Minneapolis
; STATE: MN
; COUNTRY: USA
; ZIP: 55458-1415
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,585
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mueting, Ann M.
; REGISTRATION NUMBER: 33,977
; REFERENCE/DOCKET NUMBER: 110.00010120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1217
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: peptide
US-08-304-585-7

Query Match       68.4%;    Score 39;   DB 1;   Length 26;
Best Local Similarity   100.0%;   Pred. No. 5.4;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

```
Qy      2 VGSNKGAI 9
          |||||||
Db     15 VGSNKGAI 22
```

RESULT 15
US-08-609-090-4
; Sequence 4, Application US/08609090
; Patent No. 5840838
; GENERAL INFORMATION:
; APPLICANT: HENSLEY, Kenneth
; APPLICANT: BUTTERFIELD, D. A.
; APPLICANT: CARNEY, John M.
; APPLICANT: AKSENOV, Michael
; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-4

Query Match       68.4%;    Score 39;   DB 2;   Length 33;
Best Local Similarity   100.0%;   Pred. No. 6.7;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

```
Qy      2 VGSNKGAI 9
          |||||||
Db     24 VGSNKGAI 31
```

RESULT 16
US-08-475-579A-4
; Sequence 4, Application US/08475579A
; Patent No. 5854215
; GENERAL INFORMATION:
; APPLICANT: Mark A. Findeis et al.
; TITLE OF INVENTION: Modulators of {SYMBOL 98 \f "Symbol"}-Amyloid Peptide Aggrega
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/475,579A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/404,831
; FILING DATE: 14-MAR-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kara, Catherine J.
; REGISTRATION NUMBER: P41,106
; REFERENCE/DOCKET NUMBER: PPI-002CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 34 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-08-475-579A-4

Query Match        68.4%;   Score 39;   DB 2;   Length 34;
Best Local Similarity   100.0%;   Pred. No. 6.9;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db   18 VGSNKGAI 25

RESULT 17
US-08-304-585-6
; Sequence 6, Application US/08304585
; Patent No. 5721106
; GENERAL INFORMATION:
APPLICANT: Maggio, John E.
APPLICANT: Mantyh, Patrick W.
TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,585
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mueting, Ann M.
REGISTRATION NUMBER: 33,977
REFERENCE/DOCKET NUMBER: 110.00010120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 35 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-304-585-6

Query Match        68.4%;   Score 39;   DB 1;   Length 35;
Best Local Similarity   100.0%;   Pred. No. 7.1;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db   24 VGSNKGAI 31

RESULT 18
US-08-612-785B-16
; Sequence 16, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:

APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/612,785B
FILING DATE: Herewith
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/404,831
FILING DATE: 14-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/475,579
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/548,998
FILING DATE: 27-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: DeConti, Giulio A.
REGISTRATION NUMBER: 31,503
REFERENCE/DOCKET NUMBER: PPI-002CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 35 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-08-612-785B-16

Query Match        68.4%;   Score 39;   DB 2;   Length 35;
Best Local Similarity   100.0%;   Pred. No. 7.1;
Matches   8;   Conservative   0;   Mismatches   0;   Indels   0;   Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db   19 VGSNKGAI 26

RESULT 19
US-08-612-785B-36
; Sequence 36, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
APPLICANT: Findeis, Mark A. et al.
TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
TITLE OF INVENTION: Aggregation
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 28 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```
            OPERATING SYSTEM: PC-DOS/MS-DOS
            SOFTWARE: PatentIn Release #1.0, Version #1.25
        CURRENT APPLICATION DATA:
            APPLICATION NUMBER: US/08/612,785B
            FILING DATE: Herewith
            CLASSIFICATION: 514
        PRIOR APPLICATION DATA:
            APPLICATION NUMBER: USSN 08/404,831
            FILING DATE: 14-MAR-1995
        PRIOR APPLICATION DATA:
            APPLICATION NUMBER: USSN 08/475,579
            FILING DATE: 07-JUN-1995
        PRIOR APPLICATION DATA:
            APPLICATION NUMBER: USSN 08/548,998
            FILING DATE: 27-OCT-1995
        ATTORNEY/AGENT INFORMATION:
            NAME: DeConti, Giulio A.
            REGISTRATION NUMBER: 31,503
            REFERENCE/DOCKET NUMBER: PPI-002CP3
        TELECOMMUNICATION INFORMATION:
            TELEPHONE: (617)227-7400
            TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 36:
        SEQUENCE CHARACTERISTICS:
            LENGTH: 35 amino acids
            TYPE: amino acid
            TOPOLOGY: linear
        MOLECULE TYPE: peptide
        FRAGMENT TYPE: internal
US-08-612-785B-36

Query Match         68.4%;  Score 39;  DB 2;  Length 35;
Best Local Similarity  100.0%;  Pred. No. 7.1;
Matches   8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    2  VGSNKGAI  9
         ||||||||
Db   19  VGSNKGAI  26


RESULT 20
US-08-612-785B-39
; Sequence 39, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
;    APPLICANT: Findeis, Mark A. et al.
;    TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
;    TITLE OF INVENTION: Aggregation
;    NUMBER OF SEQUENCES: 40
;    CORRESPONDENCE ADDRESS:
;       ADDRESSEE: LAHIVE & COCKFIELD
;       STREET: 28 State Street, Suite 510
;       CITY: Boston
;       STATE: Massachusetts
;       COUNTRY: USA
;       ZIP: 02109-1875
;    COMPUTER READABLE FORM:
;       MEDIUM TYPE: Floppy disk
;       COMPUTER: IBM PC compatible
;       OPERATING SYSTEM: PC-DOS/MS-DOS
;       SOFTWARE: PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;       APPLICATION NUMBER: US/08/612,785B
;       FILING DATE: Herewith
;       CLASSIFICATION: 514
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/404,831
;       FILING DATE: 14-MAR-1995
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/475,579
;       FILING DATE: 07-JUN-1995
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/548,998
```

```
            FILING DATE: 27-OCT-1995
        ATTORNEY/AGENT INFORMATION:
            NAME: DeConti, Giulio A.
            REGISTRATION NUMBER: 31,503
            REFERENCE/DOCKET NUMBER: PPI-002CP3
        TELECOMMUNICATION INFORMATION:
            TELEPHONE: (617)227-7400
            TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 39:
        SEQUENCE CHARACTERISTICS:
            LENGTH: 35 amino acids
            TYPE: amino acid
            TOPOLOGY: linear
        MOLECULE TYPE: peptide
        FRAGMENT TYPE: internal
US-08-612-785B-39

Query Match         68.4%;  Score 39;  DB 2;  Length 35;
Best Local Similarity  100.0%;  Pred. No. 7.1;
Matches   8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    2  VGSNKGAI  9
         ||||||||
Db   19  VGSNKGAI  26


RESULT 21
US-08-612-785B-40
; Sequence 40, Application US/08612785B
; Patent No. 5854204
; GENERAL INFORMATION:
;    APPLICANT: Findeis, Mark A. et al.
;    TITLE OF INVENTION: Ab Peptides that Modulate b-Amyloid
;    TITLE OF INVENTION: Aggregation
;    NUMBER OF SEQUENCES: 40
;    CORRESPONDENCE ADDRESS:
;       ADDRESSEE: LAHIVE & COCKFIELD
;       STREET: 28 State Street, Suite 510
;       CITY: Boston
;       STATE: Massachusetts
;       COUNTRY: USA
;       ZIP: 02109-1875
;    COMPUTER READABLE FORM:
;       MEDIUM TYPE: Floppy disk
;       COMPUTER: IBM PC compatible
;       OPERATING SYSTEM: PC-DOS/MS-DOS
;       SOFTWARE: PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;       APPLICATION NUMBER: US/08/612,785B
;       FILING DATE: Herewith
;       CLASSIFICATION: 514
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/404,831
;       FILING DATE: 14-MAR-1995
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/475,579
;       FILING DATE: 07-JUN-1995
;    PRIOR APPLICATION DATA:
;       APPLICATION NUMBER: USSN 08/548,998
;       FILING DATE: 27-OCT-1995
;    ATTORNEY/AGENT INFORMATION:
;       NAME: DeConti, Giulio A.
;       REGISTRATION NUMBER: 31,503
;       REFERENCE/DOCKET NUMBER: PPI-002CP3
;    TELECOMMUNICATION INFORMATION:
;       TELEPHONE: (617)227-7400
;       TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 40:
;    SEQUENCE CHARACTERISTICS:
;       LENGTH: 35 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;    MOLECULE TYPE: peptide
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; FRAGMENT TYPE: internal
US-08-612-785B-40

Query Match            68.4%;  Score 39;  DB 2;  Length 35;
Best Local Similarity  100.0%;  Pred. No. 7.1;
Matches  8;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   2  VGSNKGAI  9
        ||||||||
Db  19  VGSNKGAI 26

RESULT 22
US-08-617-267C-16
; Sequence 16, Application US/08617267C
; Patent No. 6319498
; GENERAL INFORMATION:
; APPLICANT: Findeis, Mark A. et al.
; TITLE OF INVENTION: Modulators of Amyloid Aggregation
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/617,267C
; FILING DATE: 14-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/404,831
; FILING DATE: 14-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/475,579
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USSN 08/548,998
; FILING DATE: 27-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DeConti, Giulio A.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: PPI-002CP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FRAGMENT TYPE: internal
US-08-617-267C-16

Query Match            68.4%;  Score 39;  DB 3;  Length 35;
Best Local Similarity  100.0%;  Pred. No. 7.1;
Matches  8;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   2  VGSNKGAI  9
        ||||||||
Db  19  VGSNKGAI 26

RESULT 23
US-08-609-090-6
; Sequence 6, Application US/08609090
; Patent No. 5840838

; GENERAL INFORMATION:
; APPLICANT: HENSLEY, Kenneth
; APPLICANT: BUTTERFIELD, D. A.
; APPLICANT: CARNEY, John M.
; APPLICANT: AKSENOV, Michael
; TITLE OF INVENTION: A PROCESS FOR ENHANCING THE ACTIVITY OF
; TITLE OF INVENTION: AN OLIGOPEPTIDE OR POLYPEPTIDES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE PRICE LEBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/609,090
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Kraus, Eric J.
; REGISTRATION NUMBER: 36,190
; REFERENCE/DOCKET NUMBER: 434-059
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-684-1111
; TELEFAX: 703-684-1124
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-609-090-6

Query Match            68.4%;  Score 39;  DB 2;  Length 36;
Best Local Similarity  100.0%;  Pred. No. 7.3;
Matches  8;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

Qy   2  VGSNKGAI  9
        ||||||||
Db  24  VGSNKGAI 31

RESULT 24
US-08-302-808-1
; Sequence 1, Application US/08302808
; Patent No. 5750349
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5750349uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:

; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 00108/028002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-737-371E-68

Query Match        68.4%;      Score 39;    DB 2;    Length 38;
Best Local Similarity   100.0%;    Pred. No. 7.7;
Matches     8;     Conservative     0;     Mismatches     0;     Indels     0;     Gaps     0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 26
US-08-986-948-1
; Sequence 1, Application US/08986948
Patent No. 5955317
; GENERAL INFORMATION:
; APPLICANT: SUZUKI, No. 5955317uhiro
; APPLICANT: ODAKA, Asano
; APPLICANT: KITADA, Chieko
; TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
; TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MA
; COUNTRY: USA
; ZIP: 02019
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/986,948
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/302,808
; FILING DATE: 15-SEP-1994
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
INFORMATION FOR SEQ ID NO: 1:

---

; APPLICATION NUMBER: US/08/302,808
; FILING DATE: 15-SEP-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP94/00089
; FILING DATE: 24-JAN-1994
; APPLICATION NUMBER: 010132/1993
; FILING DATE: 25-JAN-1993
; APPLICATION NUMBER: 286985/1993
; FILING DATE: 05-FEB-1993
; APPLICATION NUMBER: 019035/1993
; FILING DATE: 16-NOV-1993
; APPLICATION NUMBER: 334773/1993
; FILING DATE: 28-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DAVID, RESNICK S
; REGISTRATION NUMBER: 34,235
; REFERENCE/DOCKET NUMBER: 44631
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX: 200291 STRE
INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 38 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; ORIGINAL SOURCE:
US-08-302-808-1

Query Match        68.4%;      Score 39;    DB 1;    Length 38;
Best Local Similarity   100.0%;    Pred. No. 7.7;
Matches     8;     Conservative     0;     Mismatches     0;     Indels     0;     Gaps     0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 25
US-07-737-371E-68
; Sequence 68, Application US/07737371E
Patent No. 5876948
; GENERAL INFORMATION:
; APPLICANT: Yankner, Bruce A.
; TITLE OF INVENTION: SCREENING METHODS TO IDENTIFY
; TITLE OF INVENTION: NEUROTOXIN INHIBITORS (AS AMENDED)
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/737,371E
; FILING DATE: 29-JUL-1991
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/559,172
; FILING DATE: 27-JUL-1990
; ATTORNEY/AGENT INFORMATION:

```
         SEQUENCE CHARACTERISTICS:
           LENGTH: 38 amino acids
           TYPE: amino acid
           STRANDEDNESS: single
           TOPOLOGY: linear
           MOLECULE TYPE: peptide
           HYPOTHETICAL: NO
           ANTI-SENSE: NO
           FRAGMENT TYPE: N-terminal
           ORIGINAL SOURCE:
         US-08-986-948-1

Query Match             68.4%;  Score 39;  DB 2;  Length 38;
Best Local Similarity  100.0%;  Pred. No. 7.7;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db         24 VGSNKGAI 31

RESULT 27
5262332-1
;Patent No. 5262332
;  APPLICANT: SELKOE, DENNIS J.
;  TITLE OF INVENTION: DIAGNOSTIC METHOD FOR ALZHEIMER'S
;DISEASE:EXAMINATION OF NON-NEURAL TISSUE
;  NUMBER OF SEQUENCES: 1
;  CURRENT APPLICATION DATA:
;    APPLICATION NUMBER: US/07/410,138
;    FILING DATE: 19-SEP-1989
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: 333,609
;    FILING DATE: 05-APR-1989
;SEQ ID NO:1:
;  LENGTH: 38
5262332-1

Query Match             68.4%;  Score 39;  DB 6;  Length 38;
Best Local Similarity  100.0%;  Pred. No. 7.7;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db         22 VGSNKGAI 29

RESULT 28
5262332-1
;Patent No. 5262332
;  APPLICANT: SELKOE, DENNIS J.
;  TITLE OF INVENTION: DIAGNOSTIC METHOD FOR ALZHEIMER'S
;DISEASE:EXAMINATION OF NON-NEURAL TISSUE
;  NUMBER OF SEQUENCES: 1
;  CURRENT APPLICATION DATA:
;    APPLICATION NUMBER: US/07/410,138
;    FILING DATE: 19-SEP-1989
;  PRIOR APPLICATION DATA:
;    APPLICATION NUMBER: 333,609
;    FILING DATE: 05-APR-1989
;SEQ ID NO:1:
;  LENGTH: 38
5262332-1

Query Match             68.4%;  Score 39;  DB 6;  Length 38;
Best Local Similarity  100.0%;  Pred. No. 7.7;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db         22 VGSNKGAI 29


RESULT 29
US-08-304-585-5
; Sequence 5, Application US/08304585
; Patent No. 5721106
;  GENERAL INFORMATION:
;    APPLICANT: Maggio, John E.
;    APPLICANT: Mantyh, Patrick W.
;    TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
;    TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
;    NUMBER OF SEQUENCES: 12
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
;      STREET: P.O. Box 581415
;      CITY: Minneapolis
;      STATE: MN
;      COUNTRY: USA
;      ZIP: 55458-1415
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE: Floppy disk
;      COMPUTER: IBM PC compatible
;      OPERATING SYSTEM: PC-DOS/MS-DOS
;      SOFTWARE: PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER: US/08/304,585
;      FILING DATE: 12-SEP-1994
;      CLASSIFICATION: 435
;    ATTORNEY/AGENT INFORMATION:
;      NAME: Mueting, Ann M.
;      REGISTRATION NUMBER: 33,977
;      REFERENCE/DOCKET NUMBER: 110.00010120
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE: 612-305-1217
;      TELEFAX: 612-305-1228
;  INFORMATION FOR SEQ ID NO:  5:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH: 39 amino acids
;      TYPE: amino acid
;      STRANDEDNESS: not relevant
;      TOPOLOGY: not relevant
;    MOLECULE TYPE: peptide
US-08-304-585-5

Query Match             68.4%;  Score 39;  DB 1;  Length 39;
Best Local Similarity  100.0%;  Pred. No. 7.9;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db         23 VGSNKGAI 30

RESULT 30
US-08-302-808-2
; Sequence 2, Application US/08302808
; Patent No. 5750349
;  GENERAL INFORMATION:
;    APPLICANT: SUZUKI, No. 5750349uhiro
;    APPLICANT: ODAKA, Asano
;    APPLICANT: KITADA, Chieko
;    TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
;    TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
;    NUMBER OF SEQUENCES: 14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
;      STREET: 130 WATER STREET
;      CITY: BOSTON
;      STATE: MA
;      COUNTRY: USA
;      ZIP: 02019
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE: Diskette
;      COMPUTER: IBM Compatible
;      OPERATING SYSTEM: DOS
```

```
          SOFTWARE:  FastSEQ Version 1.5
     CURRENT APPLICATION DATA:
          APPLICATION NUMBER:  US/08/302,808
          FILING DATE:  15-SEP-1994
          CLASSIFICATION:  435
     PRIOR APPLICATION DATA:
          APPLICATION NUMBER:  PCT/JP94/00089
          FILING DATE:  24-JAN-1994
          APPLICATION NUMBER:  010132/1993
          FILING DATE:  25-JAN-1993
          APPLICATION NUMBER:  019035/1993
          FILING DATE:  05-FEB-1993
          APPLICATION NUMBER:  286985/1993
          FILING DATE:  16-NOV-1993
          APPLICATION NUMBER:  334773/1993
          FILING DATE:  28-DEC-1993
     ATTORNEY/AGENT INFORMATION:
          NAME:  DAVID, RESNICK S
          REGISTRATION NUMBER:  34,235
          REFERENCE/DOCKET NUMBER:  44631
     TELECOMMUNICATION INFORMATION:
          TELEPHONE:  617-523-3400
          TELEFAX:  617-523-6440
          TELEX:  200291 STRE
 INFORMATION FOR SEQ ID NO:  2:
     SEQUENCE CHARACTERISTICS:
          LENGTH:  39 amino acids
          TYPE:  amino acid
          STRANDEDNESS:  single
          TOPOLOGY:  linear
     MOLECULE TYPE:  peptide
     HYPOTHETICAL:  NO
     ANTI-SENSE:  NO
     FRAGMENT TYPE:  N-terminal
     ORIGINAL SOURCE:
 US-08-302-808-2

 Query Match             68.4%;  Score 39;  DB 1;  Length 39;
 Best Local Similarity  100.0%;  Pred. No. 7.9;
 Matches  8;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

 Qy          2  VGSNKGAI  9
                |||||||
 Db         24  VGSNKGAI  31

 RESULT 31
 US-08-609-090-7
 ; Sequence 7, Application US/08609090
 ; Patent No. 5840838
     GENERAL INFORMATION:
          APPLICANT:  HENSLEY, Kenneth
          APPLICANT:  BUTTERFIELD, D. A.
          APPLICANT:  CARNEY, John M.
          APPLICANT:  AKSENOV, Michael
          TITLE OF INVENTION:  A PROCESS FOR ENHANCING THE ACTIVITY OF
          TITLE OF INVENTION:  AN OLIGOPEPTIDE OR POLYPEPTIDES
          NUMBER OF SEQUENCES:  11
          CORRESPONDENCE ADDRESS:
               ADDRESSEE:  LOWE PRICE LEBLANC & BECKER
               STREET:  99 Canal Center Plaza, Suite 300
               CITY:  Alexandria
               STATE:  Virginia
               COUNTRY:  USA
               ZIP:  22314
          COMPUTER READABLE FORM:
               MEDIUM TYPE:  Floppy disk
               COMPUTER:  IBM PC compatible
               OPERATING SYSTEM:  PC-DOS/MS-DOS
               SOFTWARE:  PatentIn Release #1.0, Version #1.30
          CURRENT APPLICATION DATA:
               APPLICATION NUMBER:  US/08/609,090
               FILING DATE:  29-FEB-1996
```

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          CLASSIFICATION:  530
     ATTORNEY/AGENT INFORMATION:
          NAME:  Kraus, Eric J.
          REGISTRATION NUMBER:  36,190
          REFERENCE/DOCKET NUMBER:  434-059
     TELECOMMUNICATION INFORMATION:
          TELEPHONE:  703-684-1111
          TELEFAX:  703-684-1124
 INFORMATION FOR SEQ ID NO:  7:
     SEQUENCE CHARACTERISTICS:
          LENGTH:  39 amino acids
          TYPE:  amino acid
          STRANDEDNESS:  single
          TOPOLOGY:  linear
     MOLECULE TYPE:  peptide
 US-08-609-090-7

 Query Match             68.4%;  Score 39;  DB 2;  Length 39;
 Best Local Similarity  100.0%;  Pred. No. 7.9;
 Matches  8;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;

 Qy          2  VGSNKGAI  9
                |||||||
 Db         24  VGSNKGAI  31

 RESULT 32
 US-08-682-245A-1
 ; Sequence 1, Application US/08682245A
 ; Patent No. 5919631
     GENERAL INFORMATION:
          APPLICANT:  GOYAL, SHEFALI
          APPLICANT:  PAUL, JOSEPH W
          APPLICANT:  RIEDEL, NORBERT G
          APPLICANT:  SAHASRABUDHE, SUDHIR
          TITLE OF INVENTION:  A METHOD OF DETERMINING THE DEGREE OF
          TITLE OF INVENTION:  AGGREGATION OF THE BA4 PEPTIDE
          NUMBER OF SEQUENCES:  5
          CORRESPONDENCE ADDRESS:
               ADDRESSEE:  HOECHST MARION ROUSSEL, INC.
               STREET:  2110 E. GALBRAITH RD., P.O. BOX 156300
               CITY:  CINCINNATI
               STATE:  OHIO
               COUNTRY:  U.S.A.
               ZIP:  45215-6300
          COMPUTER READABLE FORM:
               MEDIUM TYPE:  Floppy disk
               COMPUTER:  IBM PC compatible
               OPERATING SYSTEM:  PC-DOS/MS-DOS
               SOFTWARE:  PatentIn Release #1.0, Version #1.30
          CURRENT APPLICATION DATA:
               APPLICATION NUMBER:  US/08/682,245A
               FILING DATE:  17-JUL-1996
               CLASSIFICATION:  435
          PRIOR APPLICATION DATA:
               APPLICATION NUMBER:  US 60/039,414
               FILING DATE:  16-AUG-1995
          ATTORNEY/AGENT INFORMATION:
               NAME:  LENTZ, NELSEN L
               REGISTRATION NUMBER:  38,537
               REFERENCE/DOCKET NUMBER:  HR-1257A
          TELECOMMUNICATION INFORMATION:
               TELEPHONE:  513-948-7369
               TELEFAX:  513-948-7961 OR 4681
               TELEX:  214320
 INFORMATION FOR SEQ ID NO:  1:
     SEQUENCE CHARACTERISTICS:
          LENGTH:  39 amino acids
          TYPE:  amino acid
          STRANDEDNESS:
          TOPOLOGY:  linear
     MOLECULE TYPE:  protein
 US-08-682-245A-1
```

```
Matches       8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               |||||||
Db          24 VGSNKGAI 31
```

RESULT 34
US-07-744-767A-1
; Sequence 1, Application US/07744767A
; Patent No. 5434050
; GENERAL INFORMATION:
; ;  APPLICANT: Maggio, John E.
; ;  APPLICANT: Mantyh, Patrick W.
; ;  TITLE OF INVENTION:  Labelled  -Amyloid Peptide and Methods
; ;  TITLE OF INVENTION:  for Use in Detecting Alzheimer's Disease
; ;  NUMBER OF SEQUENCES: 3
; ;  CORRESPONDENCE ADDRESS:
; ;    ADDRESSEE: Schwegman, Lundberg & Woessner, P.A.
; ;    STREET: 3500 IDS Center
; ;    CITY: Minneapolis
; ;    STATE: MN
; ;    COUNTRY: USA
; ;    ZIP: 55402
; ;  COMPUTER READABLE FORM:
; ;    MEDIUM TYPE: Floppy disk
; ;    COMPUTER: IBM PC compatible
; ;    OPERATING SYSTEM: PC-DOS/MS-DOS
; ;    SOFTWARE: PatentIn Release #1.0, Version #1.25
; ;  CURRENT APPLICATION DATA:
; ;    APPLICATION NUMBER: US/07/744,767A
; ;    FILING DATE: 13-AUG-1991
; ;    CLASSIFICATION: 435
; ;  ATTORNEY/AGENT INFORMATION:
; ;    NAME: Mueting, Ann M.
; ;    REGISTRATION NUMBER: 33,977
; ;    REFERENCE/DOCKET NUMBER: 600.226-US-01
; ;  TELECOMMUNICATION INFORMATION:
; ;    TELEPHONE: 612-339-0331
; ;    TELEFAX: 612-339-3061
; INFORMATION FOR SEQ ID NO: 1:
; ;  SEQUENCE CHARACTERISTICS:
; ;    LENGTH: 40 amino acids
; ;    TYPE: amino acid
; ;    TOPOLOGY: linear
; ;  MOLECULE TYPE: peptide
US-07-744-767A-1

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Query Match          68.4%;   Score 39;  DB 1;  Length 40;
Best Local Similarity  100.0%;  Pred. No. 8.1;
Matches       8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               |||||||
Db          24 VGSNKGAI 31
```

RESULT 35
US-08-235-400-2
; Sequence 2, Application US/08235400
; Patent No. 5552426
; GENERAL INFORMATION:
; ;  APPLICANT: Lunn, William H.
; ;  APPLICANT: Monn, James A.
; ;  APPLICANT: Zimmerman, Dennis M.
; ;  TITLE OF INVENTION:  METHODS FOR TREATING A PHYSIOLOGICAL
; ;  TITLE OF INVENTION:  DISORDER ASSOCIATED WITH BETA AMYLOID PEPTIDE
; ;  NUMBER OF SEQUENCES: 2
; ;  CORRESPONDENCE ADDRESS:
; ;    ADDRSSEE: Eli Lilly and Company
; ;    STREET: Lilly Corporate Center/1104
; ;    CITY: Indianapolis
; ;    STATE: Indiana

---

```
Query Match          68.4%;   Score 39;  DB 2;  Length 39;
Best Local Similarity  100.0%;  Pred. No. 7.9;
Matches       8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               |||||||
Db          24 VGSNKGAI 31
```

RESULT 33
US-08-986-948-2
; Sequence 2, Application US/08986948
; Patent No. 5955317
; GENERAL INFORMATION:
; ;  APPLICANT: SUZUKI, No. 5955317uhiro
; ;  APPLICANT: ODAKA, Asano
; ;  APPLICANT: KITADA, Chieko
; ;  TITLE OF INVENTION:  ANTIBODIES TO B-AMYLOIDS OR THEIR
; ;  TITLE OF INVENTION:  DERIVATIVES AND USE THEREOF
; ;  NUMBER OF SEQUENCES: 14
; ;  CORRESPONDENCE ADDRESS:
; ;    ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
; ;    STREET: 130 WATER STREET
; ;    CITY: BOSTON
; ;    STATE: MA
; ;    COUNTRY: USA
; ;    ZIP: 02019
; ;  COMPUTER READABLE FORM:
; ;    MEDIUM TYPE: Diskette
; ;    COMPUTER: IBM Compatible
; ;    OPERATING SYSTEM: DOS
; ;    SOFTWARE: FastSEQ Version 1.5
; ;  CURRENT APPLICATION DATA:
; ;    APPLICATION NUMBER: US/08/986,948
; ;    FILING DATE:
; ;    CLASSIFICATION:
; ;  PRIOR APPLICATION DATA:
; ;    APPLICATION NUMBER: 08/302,808
; ;    FILING DATE: 15-SEP-1994
; ;    APPLICATION NUMBER: PCT/JP94/00089
; ;    FILING DATE: 24-JAN-1994
; ;    APPLICATION NUMBER: 010132/1993
; ;    FILING DATE: 25-JAN-1993
; ;    APPLICATION NUMBER: 019035/1993
; ;    FILING DATE: 05-FEB-1993
; ;    APPLICATION NUMBER: 286985/1993
; ;    FILING DATE: 16-NOV-1993
; ;    APPLICATION NUMBER: 334773/1993
; ;    FILING DATE: 28-DEC-1993
; ;  ATTORNEY/AGENT INFORMATION:
; ;    NAME: DAVID, RESNICK S
; ;    REGISTRATION NUMBER: 34,235
; ;    REFERENCE/DOCKET NUMBER: 44631
; ;  TELECOMMUNICATION INFORMATION:
; ;    TELEPHONE: 617-523-3400
; ;    TELEFAX: 617-523-6440
; ;    TELEX: 200291 STRE
; INFORMATION FOR SEQ ID NO: 2:
; ;  SEQUENCE CHARACTERISTICS:
; ;    LENGTH: 39 amino acids
; ;    TYPE: amino acid
; ;    STRANDEDNESS: single
; ;    TOPOLOGY: linear
; ;  MOLECULE TYPE: peptide
; ;  HYPOTHETICAL: NO
; ;  ANTI-SENSE: NO
; ;  FRAGMENT TYPE: N-terminal
; ;  ORIGINAL SOURCE:
US-08-986-948-2

```
Query Match          68.4%;   Score 39;  DB 2;  Length 39;
Best Local Similarity  100.0%;  Pred. No. 7.9;
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; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-476-464A-2

Query Match          68.4%;     Score 39;   DB 1;   Length 40;
Best Local Similarity 100.0%;    Pred. No. 8.1;
Matches    8;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 37
US-08-304-585-1
; Sequence 1, Application US/08304585
; Patent No. 5721106
; GENERAL INFORMATION:
;   APPLICANT: Maggio, John E.
;   APPLICANT: Mantyh, Patrick W.
;   TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
;   TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
;   NUMBER OF SEQUENCES: 12
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
;     STREET: P.O. Box 581415
;     CITY: Minneapolis
;     STATE: MN
;     COUNTRY: USA
;     ZIP: 55458-1415
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/304,585
;     FILING DATE: 12-SEP-1994
;     CLASSIFICATION: 435
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Mueting, Ann M.
;     REGISTRATION NUMBER: 33,977
;     REFERENCE/DOCKET NUMBER: 110.00010120
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 612-305-1217
;     TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO:  1:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 40 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: not relevant
;     TOPOLOGY: not relevant
;   MOLECULE TYPE: peptide
US-08-304-585-1

Query Match          68.4%;     Score 39;   DB 1;   Length 40;
Best Local Similarity 100.0%;    Pred. No. 8.1;
Matches    8;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 38
US-08-304-585-8
; Sequence 8, Application US/08304585
; Patent No. 5721106
; GENERAL INFORMATION:
;   APPLICANT: Maggio, John E.
;   APPLICANT: Mantyh, Patrick W.
;   TITLE OF INVENTION: LABELLED BETA-AMYLOID PEPTIDE AND
```

```
; COUNTRY: United States of America
; ZIP: 46285
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/08/235,400
;   FILING DATE:
;   CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
;   NAME: Gaylo, Paul J.
;   REGISTRATION NUMBER: 36,808
;   REFERENCE/DOCKET NUMBER: X-9507
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (317) 276-0756
;   TELEFAX: (317) 276-3861
; INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 40 amino acids
;     TYPE: amino acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
;   MOLECULE TYPE: peptide
US-08-235-400-2

Query Match          68.4%;     Score 39;   DB 1;   Length 40;
Best Local Similarity 100.0%;    Pred. No. 8.1;
Matches    8;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 36
US-08-476-464A-2
; Sequence 2, Application US/08476464A
; Patent No. 5707821
; GENERAL INFORMATION:
;   APPLICANT: RYDEL, RUSSELL E.
;   APPLICANT: DAPPEN, MICHAEL S.
;   TITLE OF INVENTION: THERAPEUTIC INHIBITION OF PHOSPHOLIPASE
;   TITLE OF INVENTION: A2 IN A-BETA PEPTIDE-MEDIATED NEURODEGENERATIVE DISEASE
;   NUMBER OF SEQUENCES: 2
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: TOWNSEND & TOWNSEND & CREW LLP
;     STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
;     CITY: SAN FRANCISCO
;     STATE: CALIFORNIA
;     COUNTRY: U.S.A.
;     ZIP: 94111-3834
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/476,464A
;     FILING DATE: 07-JUN-1995
;     CLASSIFICATION: 514
;   ATTORNEY/AGENT INFORMATION:
;     NAME: STORELLA, JOHN R.
;     REGISTRATION NUMBER: 32,944
;     REFERENCE/DOCKET NUMBER: 15270-002300
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (415)326-2400
;     TELEFAX: (415)576-0300
; INFORMATION FOR SEQ ID NO: 2:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 40 amino acids
;     TYPE: amino acid
```

TITLE OF INVENTION: METHODS FOR USE IN DETECTING ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
  STREET: P.O. Box 581415
  CITY: Minneapolis
  STATE: MN
  COUNTRY: USA
  ZIP: 55458-1415
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/304,585
  FILING DATE: 12-SEP-1994
  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
  NAME: Mueting, Ann M.
  REGISTRATION NUMBER: 33,977
  REFERENCE/DOCKET NUMBER: 110.00010120
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 612-305-1217
  TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
  LENGTH: 40 amino acids
  TYPE: amino acid
  STRANDEDNESS: not relevant
  TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-304-585-8

Query Match    68.4%;  Score 39;  DB 1;  Length 40;
Best Local Similarity  100.0%;  Pred. No. 8.1;
Matches     8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2 VGSNKGAI 9
          ||||||||
Db     24 VGSNKGAI 31

RESULT 39
US-08-302-808-3
; Sequence 3, Application US/08302808
; Patent No. 5750349
; GENERAL INFORMATION:
  APPLICANT: SUZUKI, No. 5750349uhiro
  APPLICANT: ODAKA, Agano
  APPLICANT: KITADA, Chieko
  TITLE OF INVENTION: ANTIBODIES TO B-AMYLOIDS OR THEIR
  TITLE OF INVENTION: DERIVATIVES AND USE THEREOF
  NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
  ADDRESSEE: DIKE, BRONSTEIN, ROBERTS & CUSHMAN
  STREET: 130 WATER STREET
  CITY: BOSTON
  STATE: MA
  COUNTRY: USA
  ZIP: 02019
COMPUTER READABLE FORM:
  MEDIUM TYPE: Diskette
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: DOS
  SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/302,808
  FILING DATE: 15-SEP-1994
  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: PCT/JP94/00089
  FILING DATE: 24-JAN-1994

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  APPLICATION NUMBER: 010132/1993
  FILING DATE: 25-JAN-1993
  APPLICATION NUMBER: 019035/1993
  FILING DATE: 05-FEB-1993
  APPLICATION NUMBER: 286985/1993
  FILING DATE: 16-NOV-1993
  APPLICATION NUMBER: 334773/1993
  FILING DATE: 28-DEC-1993
ATTORNEY/AGENT INFORMATION:
  NAME: DAVID, RESNICK S
  REGISTRATION NUMBER: 34,235
  REFERENCE/DOCKET NUMBER: 44631
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 617-523-3400
  TELEFAX: 617-523-6440
  TELEX: 200291 STRE
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
  LENGTH: 40 amino acids
  TYPE: amino acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
US-08-302-808-3

Query Match    68.4%;  Score 39;  DB 1;  Length 40;
Best Local Similarity  100.0%;  Pred. No. 8.1;
Matches     8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2 VGSNKGAI 9
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Db     24 VGSNKGAI 31

RESULT 40
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; Sequence 1, Application US/08433734
; Patent No. 5837473
; GENERAL INFORMATION:
  APPLICANT: Maggio, John E.
  APPLICANT: Mantyh, Patrick W.
  TITLE OF INVENTION: Labelled -Amyloid Peptide and Methods
  TITLE OF INVENTION: for Use in Detecting Alzheimer's Disease
  NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Mueting, Raasch, Gebhardt & Schwappach, P.A.
  STREET: P.O. Box 581415
  CITY: Minneapolis
  STATE: MN
  COUNTRY: USA
  ZIP: 55458-1415
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/433,734
  FILING DATE: 03-MAY-1995
  CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
  NAME: Mueting, Ann M.
  REGISTRATION NUMBER: 33,977
  REFERENCE/DOCKET NUMBER: 110.00010102
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 612-305-1220
  TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

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;    LENGTH: 40 amino acids
;    TYPE: amino acid
;    TOPOLOGY: linear
;    MOLECULE TYPE: peptide
US-08-433-734-1

Query Match      68.4%; Score 39; DB 2; Length 40;
Best Local Similarity   100.0%; Pred. No. 8.1;
Matches    8; Conservative    0; Mismatches    0; Indels    0; Gaps    0;

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Search completed: April 16, 2005, 05:24:15
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                    GenCore version 5.1.6

        Copyright (c) 1993 - 2005  Compugen Ltd.

OM protein - protein search, using sw model

Run on:      April 16, 2005, 05:19:57 ; Search time 132 Seconds
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                                        25.180 Million cell updates/sec

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Perfect score:    57
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                  Gapop 10.0 , Gapext 0.5

Searched:         1421835 seqs, 332370683 residues

Total number of hits satisfying chosen parameters:    1421835

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :       Published Applications AA:*
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Pred. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | % Query Match | Query Length | DB | ID | | | Description |
|---|---|---|---|---|---|---|---|---|
| 1 | 57 | 100.0 | 10 | 9 | US-09-866-898-4 | | | Sequence 4, Appli |
| 2 | 57 | 100.0 | 10 | 10 | US-09-018-194-4 | | | Sequence 4, Appli |
| 3 | 43 | 75.4 | 123 | 9 | US-09-771-161A-171 | | | Sequence 171, App |
| 4 | 39 | 68.4 | 8 | 9 | US-09-866-898-1 | | | Sequence 1, Appli |
| 5 | 39 | 68.4 | 10 | 10 | US-09-018-194-1 | | | Sequence 1, Appli |
| 6 | 39 | 68.4 | 9 | 15 | US-10-619-454-12 | | | Sequence 12, Appl |
| 7 | 39 | 68.4 | 9 | 15 | US-10-619-454-131 | | | Sequence 131, App |
| 8 | 39 | 68.4 | 9 | 15 | US-10-619-454-142 | | | Sequence 142, App |
| 9 | 39 | 68.4 | 9 | 15 | US-10-619-454-155 | | | Sequence 155, App |
| 10 | 39 | 68.4 | 10 | 17 | US-10-823-463-30 | | | Sequence 30, Appl |
| 11 | 39 | 68.4 | 10 | 17 | US-10-823-463-31 | | | Sequence 31, Appl |
| 12 | 39 | 68.4 | 10 | 17 | US-10-823-463-32 | | | Sequence 32, Appl |
| 13 | 39 | 68.4 | 10 | 17 | US-10-777-792-30 | | | Sequence 30, Appl |
| 14 | | 39 | 68.4 | 10 | 17 | US-10-777-792-31 | | Sequence 31, Appl |
| 15 | | 39 | 68.4 | 10 | 17 | US-10-777-792-32 | | Sequence 32, Appl |
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| 18 | | 39 | 68.4 | 10 | 17 | US-10-822-968-32 | | Sequence 32, App |
| 19 | | 39 | 68.4 | 11 | 10 | US-09-930-915A-294 | | Sequence 294, App |
| 20 | | 39 | 68.4 | 11 | 14 | US-10-082-014-83 | | Sequence 83, Appl |
| 21 | | 39 | 68.4 | 11 | 14 | US-10-372-076-84 | | Sequence 84, Appl |
| 22 | | 39 | 68.4 | 11 | 16 | US-10-806-006-294 | | Sequence 294, App |
| 23 | | 39 | 68.4 | 11 | 16 | US-10-677-074-84 | | Sequence 84, Appl |
| 24 | | 39 | 68.4 | 11 | 16 | US-10-805-913-294 | | Sequence 294, App |
| 25 | | 39 | 68.4 | 20 | 10 | US-09-792-079-9 | | Sequence 9, Appli |
| 26 | | 39 | 68.4 | 20 | 14 | US-10-159-279-9 | | Sequence 9, Appli |
| 27 | | 39 | 68.4 | 21 | 10 | US-09-792-079-7 | | Sequence 7, Appli |
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| 29 | | 39 | 68.4 | 22 | 10 | US-09-792-079-10 | | Sequence 10, Appl |
| 30 | | 39 | 68.4 | 22 | 14 | US-10-159-279-10 | | Sequence 10, Appl |
| 31 | | 39 | 68.4 | 24 | 17 | US-10-728-246-5 | | Sequence 5, Appli |
| 32 | | 39 | 68.4 | 24 | 17 | US-10-728-246-6 | | Sequence 6, Appli |
| 33 | | 39 | 68.4 | 26 | 10 | US-09-792-079-11 | | Sequence 11, Appl |
| 34 | | 39 | 68.4 | 26 | 14 | US-10-159-279-11 | | Sequence 11, Appl |
| 35 | | 39 | 68.4 | 31 | 14 | US-10-072-602B-66 | | Sequence 66, Appl |
| 36 | | 39 | 68.4 | 31 | 14 | US-10-072-602B-567 | | Sequence 567, App |
| 37 | | 39 | 68.4 | 33 | 10 | US-09-930-915A-295 | | Sequence 295, App |
| 38 | | 39 | 68.4 | 33 | 14 | US-10-082-014-84 | | Sequence 84, Appl |
| 39 | | 39 | 68.4 | 33 | 14 | US-10-372-076-85 | | Sequence 85, Appl |
| 40 | | 39 | 68.4 | 33 | 16 | US-10-806-006-295 | | Sequence 295, App |
| 41 | | 39 | 68.4 | 33 | 16 | US-10-677-074-85 | | Sequence 85, Appl |
| 42 | | 39 | 68.4 | 33 | 16 | US-10-805-913-295 | | Sequence 295, App |
| 43 | | 39 | 68.4 | 35 | 9 | US-09-867-847-3 | | Sequence 3, Appli |
| 44 | | 39 | 68.4 | 35 | 9 | US-09-972-475-16 | | Sequence 16, Appl |
| 45 | | 39 | 68.4 | 35 | 15 | US-10-463-729-16 | | Sequence 16, Appl |

ALIGNMENTS

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RESULT 1
US-09-866-898-4
; Sequence 4, Application US/09866898
; Patent No. US2002005198881A1
; GENERAL INFORMATION:
;  APPLICANT: Gilchrest, Barbara A.
;  APPLICANT: Yaar, Mina
;  TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;  TITLE OF INVENTION: ALZHEIMER'S DISEASE
;  FILE REFERENCE: BU96-09A2
;  CURRENT APPLICATION NUMBER: US/09/866,898
;  CURRENT FILING DATE: 2001-05-29
;  PRIOR APPLICATION NUMBER: 09/163,095
;  PRIOR APPLICATION FILING DATE: 1998-09-29
;  PRIOR APPLICATION NUMBER: PCT/US97/04966
;  PRIOR FILING DATE: 1997-03-28
;  PRIOR APPLICATION NUMBER: 08/625,765
;  PRIOR FILING DATE: 1996-03-29
;  NUMBER OF SEQ ID NOS: 5
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
;  LENGTH: 10
;  TYPE: PRT
;  ORGANISM: Artificial Sequence
;  FEATURE:
;  OTHER INFORMATION: Cyclic peptide
US-09-866-898-4

  Query Match             100.0%;  Score 57;  DB 9;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 0.0019;
  Matches   10;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          1 CVGSNKGAIC 10
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Db          1 CVGSNKGAIC 10
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RESULT 2
US-09-018-194-4
; Sequence 4, Application US/09018194
; Publication No. US20030175231A1
; GENERAL INFORMATION:
;  APPLICANT: Gilchrest, Barbara A.
;  APPLICANT: Yaar, Mina
;  APPLICANT: Eller, Mark
;  TITLE OF INVENTION: METHODS OF INDUCING HAIR GROWTH AND
;  TITLE OF INVENTION: COLORATION
;  NUMBER OF SEQUENCES: 10
;  CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
;   STREET: Two Militia Drive
;   CITY: Lexington
;   STATE: Massachusetts
;   COUNTRY: USA
;   ZIP: 02173
;  COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
;  CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/018,194
;   FILING DATE: 04-FEB-1998
;   CLASSIFICATION: 514
;  PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/793,683
;   FILING DATE: 30-AUG-1995
;  PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: PCT/US95/10971
;   FILING DATE: 30-AUG-1995
;  PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/298,941
;   FILING DATE: 31-AUG-1994
;  ATTORNEY/AGENT INFORMATION:
;   NAME: Hogle, Doreen M.
;   REGISTRATION NUMBER: 36,361
;   REFERENCE/DOCKET NUMBER: BU94-15A2
;  TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 781-861-6240
;   TELEFAX: 781-861-9540
; INFORMATION FOR SEQ ID NO: 4:
;  SEQUENCE CHARACTERISTICS:
;   LENGTH: 10 amino acids
;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: unknown
;   MOLECULE TYPE: peptide
US-09-018-194-4

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Best Local Similarity  100.0%;   Pred. No. 0.0019;
Matches   10;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

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Db   1 CVGSNKGAIC 10

RESULT 3
US-09-771-161A-171
; Sequence 171, Application US/09771161A
; Patent No. US20020110811A1
; GENERAL INFORMATION:
;  APPLICANT: LEVINE, et al.
;  TITLE OF INVENTION: VARIANTS OF PROTEIN KINASES
;  FILE REFERENCE: 802620-2005.1
;  CURRENT APPLICATION NUMBER: US/09/771,161A
;  CURRENT FILING DATE: 2001-01-26
;  PRIOR APPLICATION NUMBER: 09/724,676
;  PRIOR FILING DATE: 2000-11-28
;  PRIOR APPLICATION NUMBER: 136776
;  PRIOR FILING DATE: 2000-06-15
;  PRIOR APPLICATION NUMBER: 135619
;  PRIOR FILING DATE: 2000-04-12
;  NUMBER OF SEQ ID NOS: 273
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 171
;  LENGTH: 123
;  TYPE: PRT
;  ORGANISM: Homo sapiens
US-09-771-161A-171

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Best Local Similarity   60.0%;   Pred. No. 6.9;
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Db  100 CKGGNRGAVC 109

RESULT 4
US-09-866-898-1
; Sequence 1, Application US/09866898
; Patent No. US20020051988A1
; GENERAL INFORMATION:
;  APPLICANT: Gilchrest, Barbara A.
;  APPLICANT: Yaar, Mina
;  TITLE OF INVENTION: METHODS FOR DIAGNOSING AND TREATING
;  TITLE OF INVENTION: ALZHEIMER'S DISEASE
;  FILE REFERENCE: BU96-09A2
;  CURRENT APPLICATION NUMBER: US/09/866,898
;  CURRENT FILING DATE: 2001-05-29
;  PRIOR APPLICATION NUMBER: 09/163,095
;  PRIOR FILING DATE: 1998-09-29
;  PRIOR APPLICATION NUMBER: PCT/US97/04966
;  PRIOR FILING DATE: 1997-03-28
;  PRIOR APPLICATION NUMBER: 08/625,765
;  PRIOR FILING DATE: 1996-03-29
;  NUMBER OF SEQ ID NOS: 5
;  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1
;  LENGTH: 8
;  TYPE: PRT
;  ORGANISM: Homo sapiens
US-09-866-898-1

Query Match         68.4%;   Score 39; DB 9;   Length 8;
Best Local Similarity  100.0%;   Pred. No. 1.3e+06;
Matches    8;  Conservative   8;  Mismatches   0;  Indels   0;  Gaps   0;

Qy   2 VGSNKGAI 9
       ||||||||
Db   1 VGSNKGAI 8

RESULT 5
US-09-018-194-1
; Sequence 1, Application US/09018194
; Publication No. US20030175231A1
; GENERAL INFORMATION:
;  APPLICANT: Gilchrest, Barbara A.
;  APPLICANT: Yaar, Mina
;  APPLICANT: Eller, Mark
;  TITLE OF INVENTION: METHODS OF INDUCING HAIR GROWTH AND
;  TITLE OF INVENTION: COLORATION
;  NUMBER OF SEQUENCES: 10
;  CORRESPONDENCE ADDRESS:
;   ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
;   STREET: Two Militia Drive
;   CITY: Lexington
;   STATE: Massachusetts

```
,    COUNTRY: USA
,    ZIP: 02173
, COMPUTER READABLE FORM:
,    MEDIUM TYPE: Floppy disk
,    COMPUTER: IBM PC compatible
,    OPERATING SYSTEM: PC-DOS/MS-DOS
,    SOFTWARE: PatentIn Release #1.0, Version #1.30
, CURRENT APPLICATION DATA:
,    APPLICATION NUMBER: US/09/018,194
,    FILING DATE: 04-FEB-1998
,    CLASSIFICATION: 514
, PRIOR APPLICATION DATA:
,    APPLICATION NUMBER: US 08/793,683
,    FILING DATE: 30-AUG-1995
, PRIOR APPLICATION DATA:
,    APPLICATION NUMBER: PCT/US95/10971
,    FILING DATE: 30-AUG-1995
, PRIOR APPLICATION DATA:
,    APPLICATION NUMBER: US 08/298,941
,    FILING DATE: 31-AUG-1994
, ATTORNEY/AGENT INFORMATION:
,    NAME: Hogle, Doreen M.
,    REGISTRATION NUMBER: 36,361
,    REFERENCE/DOCKET NUMBER: BU94-15A2
, TELECOMMUNICATION INFORMATION:
,    TELEPHONE: 781-861-6240
,    TELEFAX: 781-861-9540
, INFORMATION FOR SEQ ID NO: 1:
, SEQUENCE CHARACTERISTICS:
,    LENGTH: 8 amino acids
,    TYPE: amino acid
,    STRANDEDNESS:
,    TOPOLOGY: unknown
,    MOLECULE TYPE: peptide
US-09-018-194-1

Query Match          68.4%;   Score 39;   DB 10;   Length 8;
Best Local Similarity  100.0%;   Pred. No. 1.3e+06;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2  VGSNKGAI  9
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Db          1  VGSNKGAI  8


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; Sequence 12, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
,    APPLICANT: Mindset
,    APPLICANT: Fitzer Attas, Cheryl
,    APPLICANT: Chain, Daniel
,    TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES A
,    TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
,    FILE REFERENCE: P-5202-US
,    CURRENT APPLICATION NUMBER: US/10/619,454
,    CURRENT FILING DATE: 2003-07-16
,    PRIOR APPLICATION NUMBER: US 60/396,245
,    PRIOR FILING DATE: 2002-07-17
,    NUMBER OF SEQ ID NOS: 187
,    SOFTWARE: PatentIn version 3.1
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,    LENGTH: 9
,    TYPE: PRT
,    ORGANISM: artificial sequence
,    FEATURE:
,    OTHER INFORMATION: algorithm generated
US-10-619-454-12

Query Match          68.4%;   Score 39;   DB 15;   Length 9;
Best Local Similarity  100.0%;   Pred. No. 1.3e+06;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2  VGSNKGAI  9
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Db          1  VGSNKGAI  8
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Qy          2  VGSNKGAI  9
               ||||||||
Db          1  VGSNKGAI  8


RESULT 7
US-10-619-454-131
; Sequence 131, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
,    APPLICANT: Mindset
,    APPLICANT: Fitzer Attas, Cheryl
,    APPLICANT: Chain, Daniel
,    TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES A
,    TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
,    FILE REFERENCE: P-5202-US
,    CURRENT APPLICATION NUMBER: US/10/619,454
,    CURRENT FILING DATE: 2003-07-16
,    PRIOR APPLICATION NUMBER: US 60/396,245
,    PRIOR FILING DATE: 2002-07-17
,    NUMBER OF SEQ ID NOS: 187
,    SOFTWARE: PatentIn version 3.1
, SEQ ID NO 131
,    LENGTH: 9
,    TYPE: PRT
,    ORGANISM: artificial sequence
,    FEATURE:
,    OTHER INFORMATION: algorithm generated
US-10-619-454-131

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Best Local Similarity  100.0%;   Pred. No. 1.3e+06;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2  VGSNKGAI  9
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Db          1  VGSNKGAI  8


RESULT 8
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; Sequence 142, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
,    APPLICANT: Mindset
,    APPLICANT: Fitzer Attas, Cheryl
,    APPLICANT: Chain, Daniel
,    TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES i
,    TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
,    FILE REFERENCE: P-5202-US
,    CURRENT APPLICATION NUMBER: US/10/619,454
,    CURRENT FILING DATE: 2003-07-16
,    PRIOR APPLICATION NUMBER: US 60/396,245
,    PRIOR FILING DATE: 2002-07-17
,    NUMBER OF SEQ ID NOS: 187
,    SOFTWARE: PatentIn version 3.1
, SEQ ID NO 142
,    LENGTH: 9
,    TYPE: PRT
,    ORGANISM: artificial sequence
,    FEATURE:
,    OTHER INFORMATION: algorithm generated
US-10-619-454-142

Query Match          68.4%;   Score 39;   DB 15;   Length 9;
Best Local Similarity  100.0%;   Pred. No. 1.3e+06;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2  VGSNKGAI  9
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Db          1  VGSNKGAI  8
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RESULT 9
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; Sequence 155, Application US/10619454
; Publication No. US20040091945A1
; GENERAL INFORMATION:
;   APPLICANT: Mindset
;   APPLICANT: Fitzer Atas, Cheryl
;   APPLICANT: Chain, Daniel
;   TITLE OF INVENTION: PEPTIDES AND METHODS FOR SCREENING IMMUNOGENIC PEPTIDE VACCINES A
;   TITLE OF INVENTION: AD IN WHICH T-CELL EPITOPES ARE REDUCED
;   FILE REFERENCE: P-5202-US
;   CURRENT APPLICATION NUMBER: US/10/619,454
;   CURRENT FILING DATE:  2003-07-16
;   PRIOR APPLICATION NUMBER: US 60/396,245
;   PRIOR FILING DATE: 2002-07-17
;   NUMBER OF SEQ ID NOS: 187
;   SOFTWARE: PatentIn version 3.1
; SEQ ID NO 155
;   LENGTH: 9
;   TYPE: PRT
;   ORGANISM: artificial sequence
;   FEATURE:
;   OTHER INFORMATION: algorithm generated
US-10-619-454-155

  Query Match              68.4%;  Score 39;  DB 15;  Length 9;
  Best Local Similarity   100.0%;  Pred. No. 1.3e+06;
  Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

  Qy          2 VGSNKGAI 9
                |||||||
  Db          2 VGSNKGAI 9


RESULT 10
US-10-823-463-30
; Sequence 30, Application US/10823463
; Publication No. US20050019328A1
; GENERAL INFORMATION:
;   APPLICANT: Schenk, Dale B.
;   APPLICANT: Bard, Frederique
;   APPLICANT: Vasquez, Nicki
;   APPLICANT: Yednock, Ted
;   TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;   FILE REFERENCE: 15270J-004750UC
;   CURRENT APPLICATION NUMBER: US/10/823,463
;   CURRENT FILING DATE:  2004-04-14
;   PRIOR APPLICATION NUMBER: US/09/580,015
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: US 09/322,289
;   PRIOR FILING DATE: 1999-05-28
;   PRIOR APPLICATION NUMBER: US 09/201,430
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: WO PCT/US00/14810
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: US 60/080,970
;   PRIOR FILING DATE: 1998-04-07
;   PRIOR APPLICATION NUMBER: US 60/067,740
;   PRIOR FILING DATE: 1997-12-02
;   NUMBER OF SEQ ID NOS: 77
;   SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;   OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;   OTHER INFORMATION: peptide)
US-10-823-463-30

  Query Match              68.4%;  Score 39;  DB 17;  Length 10;

Best Local Similarity   100.0%;  Pred. No. 3;
Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

  Qy          2 VGSNKGAI 9
                |||||||
  Db          3 VGSNKGAI 10


RESULT 11
US-10-823-463-31
; Sequence 31, Application US/10823463
; Publication No. US20050019328A1
; GENERAL INFORMATION:
;   APPLICANT: Schenk, Dale B.
;   APPLICANT: Bard, Frederique
;   APPLICANT: Vasquez, Nicki
;   APPLICANT: Yednock, Ted
;   TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;   FILE REFERENCE: 15270J-004750UC
;   CURRENT APPLICATION NUMBER: US/10/823,463
;   CURRENT FILING DATE:  2004-04-14
;   PRIOR APPLICATION NUMBER: US/09/580,015
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: US 09/322,289
;   PRIOR FILING DATE: 1999-05-28
;   PRIOR APPLICATION NUMBER: US 09/201,430
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: WO PCT/US00/14810
;   PRIOR FILING DATE: 1998-11-30
;   PRIOR APPLICATION NUMBER: US 60/080,970
;   PRIOR FILING DATE: 1998-04-07
;   PRIOR APPLICATION NUMBER: US 60/067,740
;   PRIOR FILING DATE: 1997-12-02
;   NUMBER OF SEQ ID NOS: 77
;   SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
;   LENGTH: 10
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
;   OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
;   OTHER INFORMATION: peptide)
US-10-823-463-31

  Query Match              68.4%;  Score 39;  DB 17;  Length 10;
  Best Local Similarity   100.0%;  Pred. No. 3;
  Matches      8;  Conservative      0;  Mismatches      0;  Indels      0;  Gaps      0;

  Qy          2 VGSNKGAI 9
                |||||||
  Db          2 VGSNKGAI 9


RESULT 12
US-10-823-463-32
; Sequence 32, Application US/10823463
; Publication No. US20050019328A1
; GENERAL INFORMATION:
;   APPLICANT: Schenk, Dale B.
;   APPLICANT: Bard, Frederique
;   APPLICANT: Vasquez, Nicki
;   APPLICANT: Yednock, Ted
;   TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
;   FILE REFERENCE: 15270J-004750UC
;   CURRENT APPLICATION NUMBER: US/10/823,463
;   CURRENT FILING DATE:  2004-04-14
;   PRIOR APPLICATION NUMBER: US/09/580,015
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: US 09/322,289
;   PRIOR FILING DATE: 1999-05-28
;   PRIOR APPLICATION NUMBER: US 09/201,430
;   PRIOR FILING DATE: 1998-11-30

; PRIOR APPLICATION NUMBER: WO PCT/US00/14810
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-823-463-32

Query Match             68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity   100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          3 VGSNKGAI 10


RESULT 13
US-10-777-792-30
; Sequence 30, Application US/10777792
; Publication No. US20050059802A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-00476US
; CURRENT APPLICATION NUMBER: US/10/777,792
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-777-792-30

Query Match             68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity   100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          1 VGSNKGAI 8


RESULT 14
US-10-777-792-31
; Sequence 31, Application US/10777792
; Publication No. US20050059802A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-00476US
; CURRENT APPLICATION NUMBER: US/10/777,792
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-777-792-31

Query Match             68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity   100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          2 VGSNKGAI 9


RESULT 15
US-10-777-792-32
; Sequence 32, Application US/10777792
; Publication No. US20050059802A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-00476US
; CURRENT APPLICATION NUMBER: US/10/777,792
; CURRENT FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: US/09/580,018
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-777-792-32

Query Match             68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity   100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          2 VGSNKGAI 9


RESULT 16
US-10-822-968-30
; Sequence 30, Application US/10822968
; Publication No. US20050059591A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Vasquez, Nicki

APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004750UC
; CURRENT APPLICATION NUMBER: US/10/822,968
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US/09/580,015
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: US 09/201,430
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: WO PCT/US00/14810
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-822-968-30

Query Match    68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity  100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db    3 VGSNKGAI 10

RESULT 17
US-10-822-968-31
; Sequence 31, Application US/10822968
; Publication No. US20050059991A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Vasquez, Nicki
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004750UC
; CURRENT APPLICATION NUMBER: US/10/822,968
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US/09/580,015
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: US 09/201,430
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: WO PCT/US00/14810
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-822-968-31

Query Match    68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity  100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db    2 VGSNKGAI 9

RESULT 18
US-10-822-968-32
; Sequence 32, Application US/10822968
; Publication No. US20050059991A1
; GENERAL INFORMATION:
; APPLICANT: Schenk, Dale B.
; APPLICANT: Bard, Frederique
; APPLICANT: Vasquez, Nicki
; APPLICANT: Yednock, Ted
; TITLE OF INVENTION: Prevention and Treatment of Amyloidogenic Disease
; FILE REFERENCE: 15270J-004750UC
; CURRENT APPLICATION NUMBER: US/10/822,968
; CURRENT FILING DATE: 2004-04-12
; PRIOR APPLICATION NUMBER: US/09/580,015
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/322,289
; PRIOR FILING DATE: 1999-05-28
; PRIOR APPLICATION NUMBER: US 09/201,430
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: WO PCT/US00/14810
; PRIOR FILING DATE: 1998-11-30
; PRIOR APPLICATION NUMBER: US 60/080,970
; PRIOR FILING DATE: 1998-04-07
; PRIOR APPLICATION NUMBER: US 60/067,740
; PRIOR FILING DATE: 1997-12-02
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 10
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:10-mer peptide
; OTHER INFORMATION: from AN1792 sequence (human Abeta42, beta-amyloid
; OTHER INFORMATION: peptide)
US-10-822-968-32

Query Match    68.4%;  Score 39;  DB 17;  Length 10;
Best Local Similarity  100.0%;  Pred. No. 3;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy    2 VGSNKGAI 9
        ||||||||
Db    1 VGSNKGAI 8

RESULT 19
US-09-930-915A-294
; Sequence 294, Application US/09930915A
; Publication No. US20030138769A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
; TITLE OF INVENTION: STABILITY
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT
; CURRENT APPLICATION NUMBER: US/09/930,915A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 60/226,867
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 294
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-930-915A-294

Query Match             68.4%;  Score 39;  DB 10;  Length 11;
Best Local Similarity  100.0%;  Pred. No. 3.3;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          3 VGSNKGAI 10


RESULT 20
US-10-082-014-83
; Sequence 83, Application US/10082014
; Publication No. US20030185858A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; CURRENT FILING DATE:  2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 83
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-83

Query Match             68.4%;  Score 39;  DB 14;  Length 11;
Best Local Similarity  100.0%;  Pred. No. 3.3;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          3 VGSNKGAI 10


RESULT 21
US-10-372-076-84
; Sequence 84, Application US/10372076
; Publication No. US20030198645A1
; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBC CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; CURRENT FILING DATE:  2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 84
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-84

Query Match             68.4%;  Score 39;  DB 14;  Length 11;
Best Local Similarity  100.0%;  Pred. No. 3.3;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

```
Qy          2 VGSNKGAI 9
              ||||||||
Db          3 VGSNKGAI 10


RESULT 22
US-10-806-006-294
; Sequence 294, Application US/10806006
; Publication No. US20040152876A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
; TITLE OF INVENTION: STABILITY
; FILE REFERENCE: 4564/91644 ICC-102.2 DV I
; CURRENT APPLICATION NUMBER: US/10/806,006
; CURRENT FILING DATE:  2004-03-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: PCT/US01/41759
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/226,867
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 294
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-806-006-294

Query Match             68.4%;  Score 39;  DB 16;  Length 11;
Best Local Similarity  100.0%;  Pred. No. 3.3;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          2 VGSNKGAI 9
              ||||||||
Db          3 VGSNKGAI 10


RESULT 23
US-10-677-074-84
; Sequence 84, Application US/10677074
; Publication No. US20040156863A1
; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; APPLICANT: Schmidt, Annette Elisabeth
; APPLICANT: Stober, Detlef
; TITLE OF INVENTION: STABILIZED HBc CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/677,074
; CURRENT FILING DATE:  2003-10-01
; PRIOR APPLICATION NUMBER: 10/372,076
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 84
; LENGTH: 11
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-677-074-84

Query Match             68.4%;  Score 39;  DB 16;  Length 11;
Best Local Similarity  100.0%;  Pred. No. 3.3;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;
```

Qy        2 VGSNKGAI 9
            ||||||||
Db        3 VGSNKGAI 10

RESULT 24
US-10-805-913-294
; Sequence 294, Application US/10805913
; Publication No. US20040156864A1
; GENERAL INFORMATION:
;   APPLICANT: Birkett, Ashley J.
;   TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
;   TITLE OF INVENTION:  STABILITY
;   FILE REFERENCE: 4564/91645 ICC-102.2 DV II
;   CURRENT APPLICATION NUMBER: US/10/805,913
;   CURRENT FILING DATE:  2004-03-22
;   PRIOR APPLICATION NUMBER: 09/930,915
;   PRIOR FILING DATE:  2001-08-15
;   PRIOR APPLICATION NUMBER: PCT/US01/41759
;   PRIOR FILING DATE:  2001-08-16
;   PRIOR APPLICATION NUMBER: 60/226,867
;   PRIOR FILING DATE:  2000-08-22
;   PRIOR APPLICATION NUMBER: 60/225,843
;   PRIOR FILING DATE:  2000-08-16
;   NUMBER OF SEQ ID NOS: 313
;   SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 294
;   LENGTH: 11
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-805-913-294

Query Match             68.4%;  Score 39;  DB 16;  Length 11;
Best Local Similarity   100.0%;  Pred. No. 3.3;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        2 VGSNKGAI 9
            ||||||||
Db        3 VGSNKGAI 10

RESULT 25
US-09-792-079-9
; Sequence 9, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
;   APPLICANT: University of Kentucky Research Foundation
;   APPLICANT:  Hersh, Louis B.
;   APPLICANT:  Mukherjee, Atish
;   TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
;   TITLE OF INVENTION:  Disease Patients
;   FILE REFERENCE: 050229-0261
;   CURRENT APPLICATION NUMBER: US/09/792,079
;   CURRENT FILING DATE:  2001-02-26
;   PRIOR APPLICATION NUMBER: 60/184,826
;   PRIOR FILING DATE:  2000-02-24
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
;   LENGTH: 20
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-792-079-9

Query Match             68.4%;  Score 39;  DB 10;  Length 20;
Best Local Similarity   100.0%;  Pred. No. 5.9;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        2 VGSNKGAI 9
            ||||||||
Db        4 VGSNKGAI 11

RESULT 26
US-10-159-279-9
; Sequence 9, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
;   APPLICANT: University of Kentucky Research Foundation
;   APPLICANT:  Hersh, Louis B.
;   APPLICANT:  Mukherjee, Atish
;   TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
;   TITLE OF INVENTION:  Disease Patients
;   FILE REFERENCE: 050229-0298
;   CURRENT APPLICATION NUMBER: US/10/159,279
;   CURRENT FILING DATE:  2002-06-03
;   PRIOR APPLICATION NUMBER: 60/184,826
;   PRIOR FILING DATE:  2000-02-24
;   PRIOR APPLICATION NUMBER: 09/792,079
;   PRIOR FILING DATE:  2001-02-26
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
;   LENGTH: 20
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-159-279-9

Query Match             68.4%;  Score 39;  DB 14;  Length 20;
Best Local Similarity   100.0%;  Pred. No. 5.9;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        2 VGSNKGAI 9
            ||||||||
Db        4 VGSNKGAI 11

RESULT 27
US-09-792-079-7
; Sequence 7, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
;   APPLICANT: University of Kentucky Research Foundation
;   APPLICANT:  Hersh, Louis B.
;   APPLICANT:  Mukherjee, Atish
;   TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
;   TITLE OF INVENTION:  Disease Patients
;   FILE REFERENCE: 050229-0261
;   CURRENT APPLICATION NUMBER: US/09/792,079
;   CURRENT FILING DATE:  2001-02-26
;   PRIOR APPLICATION NUMBER: 60/184,826
;   PRIOR FILING DATE:  2000-02-24
;   NUMBER OF SEQ ID NOS: 13
;   SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
;   LENGTH: 21
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-792-079-7

Query Match             68.4%;  Score 39;  DB 10;  Length 21;
Best Local Similarity   100.0%;  Pred. No. 6.2;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        2 VGSNKGAI 9
            ||||||||
Db        5 VGSNKGAI 12

RESULT 28
US-10-159-279-7
; Sequence 7, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
;   APPLICANT: University of Kentucky Research Foundation
;   APPLICANT:  Hersh, Louis B.

APPLICANT: Mukherjee, Atish
TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
TITLE OF INVENTION: Disease Patients
FILE REFERENCE: 050229-0298
CURRENT APPLICATION NUMBER: US/10/159,279
CURRENT FILING DATE: 2002-06-03
PRIOR APPLICATION NUMBER: 60/184,826
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: 09/792,079
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 21
TYPE: PRT
ORGANISM: Homo sapiens
US-10-159-279-7

Query Match          68.4%;  Score 39;  DB 14;  Length 21;
Best Local Similarity 100.0%;  Pred. No. 6.2;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2  VGSNKGAI 9
           |||||||
Db      5  VGSNKGAI 12

RESULT 29
US-09-792-079-10
; Sequence 10, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 22
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-10

Query Match          68.4%;  Score 39;  DB 10;  Length 22;
Best Local Similarity 100.0%;  Pred. No. 6.5;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2  VGSNKGAI 9
           |||||||
Db      6  VGSNKGAI 13

RESULT 30
US-10-159-279-10
; Sequence 10, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; TITLE OF INVENTION: Disease Patients
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826

; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 22
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-10

Query Match          68.4%;  Score 39;  DB 14;  Length 22;
Best Local Similarity 100.0%;  Pred. No. 6.5;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2  VGSNKGAI 9
           |||||||
Db      6  VGSNKGAI 13

RESULT 31
US-10-728-246-5
; Sequence 5, Application US/10728246
; Publication No. US20050026165A1
; GENERAL INFORMATION:
; APPLICANT: ORSER, Cindy
; APPLICANT: GROSSET, Anne
; APPLICANT: DAVIDSON, Eugene A.
; TITLE OF INVENTION: DETECTION OF CONFORMATIONALLY ALTERED PROTEINS AND PRIONS
; FILE REFERENCE: A28-011
; CURRENT APPLICATION NUMBER: US/10/728,246
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: 10/161,061
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/295,456
; PRIOR FILING DATE: 2001-05-31
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 5
; LENGTH: 24
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-728-246-5

Query Match          68.4%;  Score 39;  DB 17;  Length 24;
Best Local Similarity 100.0%;  Pred. No. 7;
Matches    8;  Conservative   0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy      2  VGSNKGAI 9
           |||||||
Db     14  VGSNKGAI 21

RESULT 32
US-10-728-246-6
; Sequence 6, Application US/10728246
; Publication No. US20050026165A1
; GENERAL INFORMATION:
; APPLICANT: ORSER, Cindy
; APPLICANT: GROSSET, Anne
; APPLICANT: DAVIDSON, Eugene A.
; TITLE OF INVENTION: DETECTION OF CONFORMATIONALLY ALTERED PROTEINS AND PRIONS
; FILE REFERENCE: A28-011
; CURRENT APPLICATION NUMBER: US/10/728,246
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: 10/161,061
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/295,456
; PRIOR FILING DATE: 2001-05-31
; NUMBER OF SEQ ID NOS: 29
; SEQ ID NO 6
; LENGTH: 24

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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-10-728-246-6

Query Match     68.4%;  Score 39;  DB 17;  Length 24;
Best Local Similarity  100.0%;  Pred. No. 7;
Matches    8;  Conservative  0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db    14 VGSNKGAI 21

RESULT 33
US-09-792-079-11
; Sequence 11, Application US/09792079
; Publication No. US20030083277A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE REFERENCE: 050229-0261
; CURRENT APPLICATION NUMBER: US/09/792,079
; CURRENT FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-792-079-11

Query Match     68.4%;  Score 39;  DB 10;  Length 26;
Best Local Similarity  100.0%;  Pred. No. 7.6;
Matches    8;  Conservative  0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db    10 VGSNKGAI 17

RESULT 34
US-10-159-279-11
; Sequence 11, Application US/10159279
; Publication No. US20030165481A1
; GENERAL INFORMATION:
; APPLICANT: University of Kentucky Research Foundation
; APPLICANT: Hersh, Louis B.
; APPLICANT: Mukherjee, Atish
; TITLE OF INVENTION: Use Of Insulin Degrading Enzyme (IDE) For The Treatment Of Alzhei
; FILE REFERENCE: 050229-0298
; CURRENT APPLICATION NUMBER: US/10/159,279
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/184,826
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: 09/792,079
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-159-279-11

Query Match     68.4%;  Score 39;  DB 14;  Length 26;

Best Local Similarity  100.0%;  Pred. No. 7.6;
Matches    8;  Conservative  0;  Mismatches   0;  Indels   0;  Gaps   0;

Qy     2 VGSNKGAI 9
         ||||||||
Db    10 VGSNKGAI 17

RESULT 35
US-10-072-602B-66
; Sequence 66, Application US/10072602B
; Publication No.US20030109670A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: McIntosh, J, Michael
; APPLICANT: Watkins, Maren
; APPLICANT: Garrett, James E.
; APPLICANT: Cruz, Lourdes J.
; APPLICANT: Grilley, Michelle
; APPLICANT: Schoenfeld, Robert M.
; APPLICANT: Walker, Craig
; APPLICANT: Shetty, Reshma
; APPLICANT: Jones, Robert M.
; TITLE OF INVENTION: Cone Snail Peptides
; FILE REFERENCE: 2314-249
; CURRENT APPLICATION NUMBER: US/10/072,602B
; CURRENT FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,408
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Conus caracteristicus
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(31)
; OTHER INFORMATION: Xaa at residues 4 and 7 is Glu or gamma-carboxy-Glu; Xaa at
; OTHER INFORMATION: residues 13 and 25 is Pro or hydroxy-Pro; Xaa at residue 31 is Ty
; OTHER INFORMATION: Tyr, 125I-Tyr, mono-iodo-Tyr, di-iodo-Tyr, O-sulpho-Tyr
; OTHER INFORMATION: or O-phospho-Tyr
US-10-072-602B-66

Query Match     68.4%;  Score 39;  DB 14;  Length 31;
Best Local Similarity   60.0%;  Pred. No. 9.1;
Matches    6;  Conservative  1;  Mismatches   1;  Indels   3;  Gaps   0;

Qy     1 CVGSNKGAIC 10
         ||||| |:|
Db    20 CVGSRXGGLC 29

RESULT 36
US-10-072-602B-567
; Sequence 567, Application US/10072602B
; Publication No. US20030109670A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: McIntosh, J, Michael
; APPLICANT: Watkins, Maren
; APPLICANT: Garrett, James E.
; APPLICANT: Cruz, Lourdes J.
; APPLICANT: Grilley, Michelle
; APPLICANT: Schoenfeld, Robert M.
; APPLICANT: Walker, Craig
; APPLICANT: Shetty, Reshma
; APPLICANT: Jones, Robert M.
; TITLE OF INVENTION: Cone Snail Peptides
```

; FILE REFERENCE: 2314-249
; CURRENT APPLICATION NUMBER: US/10/072,602B
; CURRENT FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,408
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 567
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Conus caracteristicus
US-10-072-602B-567

Query Match             68.4%;    Score 39;  DB 14;  Length 31;
Best Local Similarity   60.0%;    Pred. No. 9.1;
Matches    6;  Conservative    1;  Mismatches    3;  Indels    0;  Gaps    0;

Qy           1 CVGSNKGAIC 10
               ||||  |:|
Db          20 CVGSRPGGLC 29


RESULT 37
US-09-930-915A-295
; Sequence 295, Application US/09930915A
; Publication No. US2003018769A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
; TITLE OF INVENTION: STABILITY
; FILE REFERENCE: 4564/83501 ICC-102.2 PCT
; CURRENT APPLICATION NUMBER: US/09/930,915A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 60/226,867
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 295
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-930-915A-295

Query Match             68.4%;    Score 39;  DB 10;  Length 33;
Best Local Similarity  100.0%;    Pred. No. 9.6;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               ||||||||
Db          24 VGSNKGAI 31


RESULT 38
US-10-082-014-84
; Sequence 84, Application US/10082014
; Publication No. US2003018585A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBC CHIMER PARTICLES STABILIZED WITH AN N-TERMINAL CY
; FILE REFERENCE: ICC-130.0 4564/85124
; CURRENT APPLICATION NUMBER: US/10/082,014
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 84
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-082-014-84

Query Match             68.4%;    Score 39;  DB 14;  Length 33;
Best Local Similarity  100.0%;    Pred. No. 9.6;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               ||||||||
Db          24 VGSNKGAI 31


RESULT 39
US-10-372-076-85
; Sequence 85, Application US/10372076
; Publication No. US2003019864SA1
; GENERAL INFORMATION:
; APPLICANT: Page, Mark
; APPLICANT: Friede, Martin
; TITLE OF INVENTION: STABILIZED HBc CHIMER PARTICLES AS THERAPEUTIC VACCINE FOR
; TITLE OF INVENTION: CHRONIC HEPATITIS
; FILE REFERENCE: 4564/87179
; CURRENT APPLICATION NUMBER: US/10/372,076
; CURRENT FILING DATE:    2003-02-21
; PRIOR APPLICATION NUMBER: 10/080,299
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/082,014
; PRIOR FILING DATE: 2002-02-22
; NUMBER OF SEQ ID NOS: 308
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 85
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Alzheimer's disease b-Amyloid
US-10-372-076-85

Query Match             68.4%;    Score 39;  DB 14;  Length 33;
Best Local Similarity  100.0%;    Pred. No. 9.6;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy           2 VGSNKGAI 9
               ||||||||
Db          24 VGSNKGAI 31


RESULT 40
US-10-806-006-295
; Sequence 295, Application US/10806006
; Publication No. US2004015876A1
; GENERAL INFORMATION:
; APPLICANT: Birkett, Ashley J.
; TITLE OF INVENTION: IMMUNOGENIC HBc CHIMER PARTICLES HAVING ENHANCED
; TITLE OF INVENTION: STABILITY
; FILE REFERENCE: 4564/91644 ICC-102.2 DV I
; CURRENT APPLICATION NUMBER: US/10/806,006
; CURRENT FILING DATE:    2004-03-22
; PRIOR APPLICATION NUMBER: 09/930,915
; PRIOR FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: PCT/US01/41759
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/226,867
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 60/225,843
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 313
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 295
; LENGTH: 33
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-806-006-295

Query Match             68.4%;    Score 39;  DB 16;  Length 33;
Best Local Similarity  100.0%;    Pred. No. 9.6;
Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Mon Apr 18 15:17:29 2005

us-09-018-194-4.rapb

Qy    2 VGSNKGAI 9
        |||||||||
Db   24 VGSNKGAI 31

Search completed: April 16, 2005, 05:35:28
Job time : 133 secs